Docket Number (Optional) Application Number 03310/033001 Unknown INFORMATION DISCLOSURE CITATION Applicant(s) Hiroyuki KUMAKURA (Use several sheets if necessary) Filing Date Group Art Unit Herewith Unknown **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE SUBCLASS CLASS DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE FOREIGN PATENT DOCUMENTS Translation REF DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO 11-330162 11/30/1999 **JAPAN** H01L 21/60 2001-024032 01/26/2001 **JAPAN** H01L 21/60 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) International Preliminary Examination Report dated March 11, 2003 International Search Report, dated May 21, 2002 DATE CONSIDERED **EXAMINER** EXAMINER; Mitial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449)

		المريز و مدير كالمنظمة المنظمة	Docket Number (Optional)	Application Number
English Abstract of Published Publication No		03310/033001	Unknown	
INF			Applicant(s) Hiroyuki KUMAKURA	
			Filing Date	Group Art Unit
			Herewith	Unknown
		OTHER DOCUMENTS (Including Author, Title		
74		English Abstract of Published Publication No. 11-3	30162 dated November 30, 1999	
7/11	A5			`
///	_			
		English Abstract of Published Publication No. 2001-	024032 dated January 26, 2001	
C+11/1	A6			
/ //				
			,	
				
!				
		·		
				_ _
		·		
<u>.</u>				
•				,
	İ			
				· ·
				[
 -			•	
,	1			
ı				
				
				,
I				·
			,	
ı [}		
		1		
	Ļ			
EXAMINER			DATE CONSIDERED	1/2-
	//	h/ Haran	8//	31:03
		citation considered, whether or not citation is in conformation to applicant.	ance with MPEP Section 609; Draw line t	hrough citation if not in conformance and

P098/REV04

•			Docket Number (Optional)	Application Number
		(IPE)	03310.033001	10/647,448
INF	ORM.	ATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s) Hiroyuki KUMAKURA	
		(Use several sheets if necessary)	Filing Date August 25, 2003	Group Art Unit
			August 25, 2003	1734
*EXAMINER INITIAL		OTHER DOCUMENTS	le, Date, Pertinent Pages, Etc.)	
TH	Ai	Notification of Transmittal of and English Transla February 24, 2003, 4 pages	ation of PCT International Prelimina	ry Examination Report dated
		,		
	:			
EXAMINER		1 Haran	DATE CONSIDERED 8//8	105
*EXAMINER: In considered. Inclu	itial if ci	itation considered, whether or not citation is in conformance of this form with next communication to applicant.	e with MPEP Section 609; Draw line throu	gh citation if not in conformance and not

P08B/REV04

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO		Complete if Known			
-				Application Number	10/647,448-Conf. #1648
IN	IFORMATIC	N DI	SCLOSURE	Filing Date	August 25, 2003
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Hiroyuki Kumakura
Ū				Ari Unit	1734
(Use as many sheets as necessary)			s necessary)	Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	03310/033001

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					i e

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.'	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7°	
CHIL.	BA	JP-2-226738	09/10/1990	Toshiba Corp.			
(7 F/X)	ВВ	JP-4-302444	10/26/1992	Toshiba Corp.			
TI	ВС	JP-10-56259	02/25/1998	Matsushita Electric Ind. Co. Ltd.			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
MX	CA	Notification of Reason(s) for Refusal dated 12/17/2004 (2 pages) (Japanese version)	
701V	СВ	English Translation of Notification of Reason(s) for Refusal dated 12/17/2004 (2 pages)	
/	CC	Patent Abstracts of Japan; Publication No. 02-226738 dated 09/10/1990 (1 page)	
1 1	CD	Patent Abstracts of Japan; Publication No. 04-302444 dated 10/26/1992 (1 page)	
THE	CE	Patent Abstracts of Japan; Publication No. 10-056259 dated 02/24/1998 (1 page)	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1Applicant's unique citation designation number (optional). 2Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature Date Considered 8/18/05